

Atty Docket No. 022263-000310US

PTO FAX NO.: (703) 872-9306

ATTENTION: Examiner Lana N. Le

Group Art Unit 2685

OFFICIAL COMMUNICATION
FOR THE PERSONAL ATTENTION OF
EXAMINER Lana N. Le

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CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following documents in re Application of Lawrence J. Malone, et al., Application No. 10/807,207, filed March 22, 2004 for DIRECT CONVERSION TRANSMITTER SYSTEM AND METHOD WITH QUADRATURE BALANCING AND LOW LO FEED THROUGH are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

1. Transmittal Form;
2. Fee Transmittal (in duplicate);
3. Response to Office Action; and
4. Petition for Extension of Time (in duplicate).

Number of pages being transmitted, including this page: 17

Dated: March 7, 2005


Jeanette Olivera


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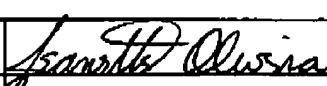
TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, CA 94111-3834
Telephone: 858-350-6100
Fax: 415-576-0300

PTO/S2/21 (09-04)

TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/807,207
	Filing Date	March 22, 2004
	First Named Inventor	Malone, Lawrence J.
	Art Unit	2685
	Examiner Name	Lana N. Le
Total Number of Pages in This Submission	Attorney Docket Number	022263-000310US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Raymond B. Horn		
Date	Mar 7, 2005	Reg. No.	44,773

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-9306 on March <u>7</u> , 2005.		
Signature		
Typed or printed name	Jeanette Olivera	Date March 7, 2005

60437633 v1

PTO/SB/17 (12-04)

Effective on 12/03/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4139). FEE TRANSMITTAL For FY 2005		Complete if Known	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/807,207
		Filing Date	March 22, 2004
		First Named Inventor	Malone, Lawrence J.
		Examiner Name	Lana N. Le
		Art Unit	2685
TOTAL AMOUNT OF PAYMENT (S) 300		Attorney Docket No.	022263-000310US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
15	-20 or HP = 0	x \$25	= \$0			
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
7	-3 or HP = 3	x \$100	= \$300			

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).


Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/ 50 =	(round up to a whole number) x	=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: _____

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 44,773	Telephone 858-350-6100
Name (Print/Type)	Raymond B. Horn		Date Mar 7, 2005

60437629 v1

Duplicate For Fee Processing

PTO/SB/17 (\$204)

Effective on 12/06/2004.
Fees pursuant to the Consolidated Appropriations Act, 2008 (H.R. 4815).

FEE TRANSMITTAL For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 300

Complete If Known

Application Number	10/807,207
Filing Date	March 22, 2004
First Named Inventor	Malone, Lawrence J.
Examiner Name	Lana N. Le
Art Unit	2685
Attorney Docket No.	022263-000310US

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☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

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1. BASIC FILING, SEARCH, AND EXAMINATION FEES

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Provisional	200	100	0	0	0	0	

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- 100 =	/ 50 =	(round up to a whole number) x		

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Other: _____

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	44,773	Telephone	858-350-6100
Name (Print/Type)	Raymond B. Horn			Date	Mar 7, 2005

60437629 v1

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PATENT
Attorney Docket No.: 022263-000310US

TOWNSEND and TOWNSEND and CREW LLP

By: Jeanette Olivera

Jeanette Olivera

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MAR 07 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Lawrence J. Malone, et al.

Application No.: 10/807,207

Filed: March 22, 2004

For: DIRECT CONVERSION
TRANSMITTER SYSTEM AND
METHOD WITH QUADRATURE
BALANCING AND LOW LO FEED
THROUGH

Customer No.: 20350

Confirmation No. 3292

Examiner: Lana N. Le

Technology Center/Art Unit: 2685

RESPONSE TO OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed November 9, 2004, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.